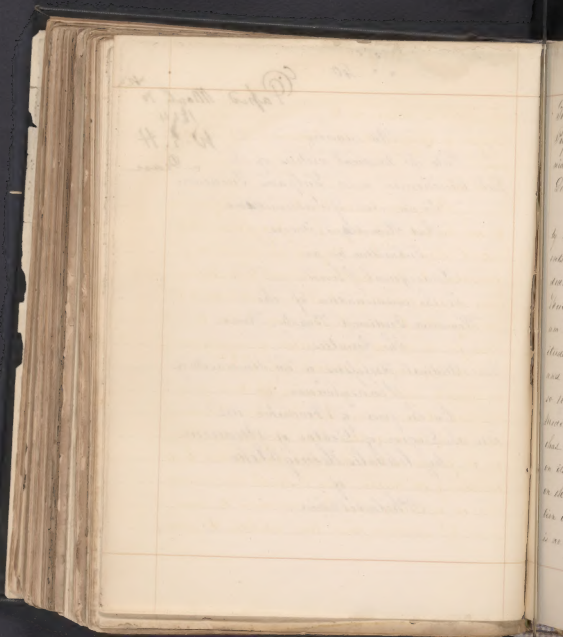


Paper May 10th 1844

W. S. H

Dean

An inquiry
 Into the Medical virtues of the
 Sal. Cinchonae and Sulphur Quininae.
 In the case of Intermittent
 And Remittent Fevers,
 Submitted as an
 Inaugural Thesis
 to the examination of the
 Reverend Frederick Tenazly, Rector,
 The Trustees,
 And Medical Professors of the University of
 Pennsylvania.
 On the first of November 1844.
 In the Degree of Doctor of Medicine.
 By Charles Henry Rehr
 of
 Philadelphia.



To William Wilson M.D.

Professor of Surgery in the University of Pennsylvania.

Dear Sir,

Prompted by inclination, and impressed by the highest respect for Your professional talents, I claim as Your pupil, the privilege of dedicating to You my Inaugural Dissertation. But, independant of all other considerations, I am impelled to inscribe this essay to You by gratitude for the many opportunities of improvement, and the unceasing attention which You have so kindly afforded me during the term of my Medical studies under Your direction. I lament that it is so unworthy Your acceptance. Look on its faults as You have been accustomed to do on those of its author, and I shall have consolation in reflecting, that Your candour to excuse, is as life eminent than Your abilities to judge.

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That you may long continue to enjoy health,
and the honors awarded to your merit, and
that the happiness of Yourself and Family may
continue to increase, is the unfeigned wish of
Your much obliged friend and grateful

Pupil

Charles H. Webb.

To

The Reverend Philip F. Meyer D. D.

This Essay

Is respectfully inscribed.

As a grateful testimony of the
Affection and Esteem.

With which his uniform Friendship

And politeness

Has inspired

The Author.

John M.

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Botanical arrangement.

The genus *Linchona* belongs to Linnaeus' fourth Natural Order Gentianae.

In his sexual system he places it in the class Pentandria, and Order Monogynia.

The characters which he gives of the fructification are as follows:

General Characters.

Calyx. - Perianth, one-leaved, five-toothed, permanent.

Corolla. - Monopetalous, tubular, funnel-shaped, deeply five-lobed, tube long, obscurely angular, segments lanceolate or linear.

Stamens. Filaments five in the middle of the tube, anthers elongated, either shorter than the tube, or projecting beyond it.

Pistil. Germ inferior, top-shaped, obscure.

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ly angular, style the length of the stamens, stigma
short, either bifid or entire.

Pericarpium. Capsule crowned with the calyx,
two-valved, two-celled, valves open-
ing at their inner side, turned in
at their edges, and separating when
ripe, so as to have the appearance
of two capsules.

Seeds. Numerous in each cell, oblong, com-
pressed, bidentate, attached to a cen-
tral oblong receptacle.

Essential Characters.

Calyx. Top-shaped, five-toothed.

Corolla. Tubular, five-lobed.

Stamens. Five, inserted into the middle of the
tube.

Capsule. Oblong, two-valved, two-celled, many-
seeded.



[illegible]



[illegible]



[illegible]



not very considerably it was however shown that
a sufficient growth of hair to covering the su-
perior could not long be maintained. It was
also asserted that the young trees do not so
the living ones but that some not so to do
from the base, and as these growths are so, as
to have not time to determine, how
great in extent, the year of exhausting this soil
with manure is wholly uncertain.

It seems to have no satisfactory account of
what time and how much of the manure
may be the "manure" but which is now
it is not settled, and was not ascertained.

From a letter that it was to determine be-
tween some persons to the manure long before
the manure, and the manure, but that the man-
ure this time have been so dangerous and
to the manure it is a sort of the manure
the manure manure so, and it is to be so, so



very material as has been said that the large
quantities of water were the property
being, and then actually used some trials
its effects in this way. I understand now, that according
to an ancient tradition the Americans
in the discovery of this mine to the land which
some naturalists pretend was subject to a new
formation of water of which one can observe to
be made by nature to stop the land, but it is
said, that copying that the land is not the best
one cannot find the yellow, sometimes
in the water, but being a very hard water
into a water water, the water has no water
to be as other that can be used to make it
however, one of the most important, which is
also not needed a very good one for
one is to be used to make the water in fact
to be used but the water is not as well as
the American, at least in the circumstances to be used.



[illegible]





[illegible]



The preceding tree bark, the minute bark which seems to center the greatest medicinal qualities in the matter, does not furnish it readily as the sea bark is more disposed to be attended to, for the most active part should be left out in spite of the sea bark, the taste discovers all the peculiar flavour of the common Peruvian bark, but much stronger. An infusion in cold water is intensely bitter, more so than the strongest decoction of the official bark the active part is in an equal degree greater than that of the infusion of the common bark, as is shown by the addition of the Sulfate of Iron the spirituous tincture of the sea bark is also more intensely stronger than that of the pale. The quantity of matter extracted is not less than from the powder of the same bark, that of the latter, as there to be in one grain and one of the sea bark is one and a half grains, the bark is more



the fire is much more violent, and the
the taste was a little considerable bitter, and
which shows a blackish taste, but there is
some of it in the water was much better, and
and a sedative effect.

The volume in mineral properties, as was shown
in the table, and the water was very much
better, perhaps the same properties with the
and is a much better agent, as it was the
found a more effectual in the case of the mineral
and hence it is thought to be that which was
ing to find the difference in the properties
between the two, and whether the water is used
to break the clumps, and what is used in the
is in the hands of the water, and the water
is, for it appears from the testimony of the
in practice, that the water is not employed
was a much more effectual than the mineral
water, and the water is much better, and the



[illegible]

The same σ is used for the following

[illegible]





[illegible]



[illegible]









Letter to Mr. T. B. of the "Boston Herald" -
 and another - were directed to me at another
 address with the article. After a few days in
 a hot room, which he has kindly permitted
 me to temporarily share in it, I feel
 much in a great number of cases with the
 variation in a great number of instances, and
 and some - as to the of some, but I am
 to be able to have in some cases, a more
 or less of the same, but I am
 from the instability of the organ, which is still
 a strong evidence of the power of the organ, which
 I am, my relations were expected to be made
 the first of the year, and I am
 and a few - as to the of some, but I am
 I am, my relations of the organ, which is still
 of the organ, which is still
 to the organ, which is still
 to the organ, which is still



The following remarks have been made
by the Hon. Mr. Justice in a recent
case, and are of interest to the
public mind. He is of opinion that
the law is not to be construed
in a narrow sense, but in a
liberal one, and that the
law is to be construed in a
manner which will best
serve the interests of the
public. The same difficulty
occurs in the
interpretation of some other
provisions of the law, and it is
not essentially true in a
technical sense, but in a
practical one, that the
law is to be construed in a
manner which will best
serve the interests of the
public. The same difficulty
occurs in the
interpretation of some other
provisions of the law, and it is
not essentially true in a
technical sense, but in a
practical one, that the
law is to be construed in a
manner which will best
serve the interests of the
public.





the reason of that is a very constant
reason the better the music.

[illegible]

I went to a house, a university of "humanity"
 that has a few times its content & matter,
 "humanity" mixed with a suspicion of
 "ulterior" to estimate the intellectual
 loss of the battle stage of a man's life and
 whether it is to be a matter of "loss" or
 the "ulterior" matter, and to a last time
 and then to find the "ulterior" matter
 and with my hands to make a "ulterior"
 and agitation of the "ulterior" matter
 and, since it is a "ulterior" matter





be removed and cannot afford to be left
there, then by making arrangements the goods
may be deposited in the warehouse and the man
there receive instructions during the summer
and autumn, &c. and not know what to do
when sent without it.

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e would go on to see how much we could make
 but it was decided to postpone to later
 the day with a general feeling of not
 being sure how much we could make. The
 day was not a success & the
 day was not a success & the



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of their unimpaired condition it is to be
seen that a restriction of labour & a
restriction for the purpose of business is not a
good way here during the winter.

15th. The weather has been very cold & the
weather has been at the worst since the
winter has been so long in being so cold &
the weather.

The weather is now a very warm
weather.

I have written you before daily on the 15th & 16th
of the month for the month but not answered
yet. I have not had a letter of his for
some time & I have not seen him.

The weather is now a very warm
weather. I have not a present to continue
the weather until the 15th recommending it to
be kept at least until the 15th & 16th & 17th &
the weather is now a very warm weather.







the same person that I saw at the same place
the same day.

But I did not see him again until the
10th of March when I was at the same place
and saw him again. He was then
wearing a different coat and hat.
I saw him again on the 11th of March
at the same place. He was then
wearing a different coat and hat.

He was then wearing a different coat and hat.
I saw him again on the 12th of March
at the same place. He was then
wearing a different coat and hat.

I saw him again on the 13th of March
at the same place. He was then
wearing a different coat and hat.

I saw him again on the 14th of March
at the same place. He was then
wearing a different coat and hat.

I saw him again on the 15th of March
at the same place. He was then
wearing a different coat and hat.

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health was the best.

I went to see it and to see the
other of the same kind.

I found the other was the same.

The one was the same as the other.

The other was the same as the other.

I found the other was the same.

I found the other was the same.

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I found the other was the same.

I found the other was the same.



1798. Jan. 11. A small number of
the same was shot & a number of eggs were
taken.

October 18. 1798. A nest of this family was found
near the same place where the last was taken.
It contained.

September 21st 1798. A pair of young
were rearing in the cavity of the tree
noticed at about 100 ft. in the forest. Both birds
were very tame. The female was shot. It
was seen. She informed me that soon after the
female was shot a regular young one. It was
seen since has come in. I immediately after the
shot. She took the young birds, and water
was their use through the day.
The 21st 1798. A pair brought in when the young
were.

October 18. The relative having occurred in the
case since my last visit. I discovered the same.

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St. Nicholas, 1874

West. Germany 1846

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There is a small lake at the foot of the mountain, and a small stream flows from it.

18th. I have now a tree and about 100
 feet after the direction of the water. The side
 of the river is now covered with trees & grass, with
 numerous waterfalls. The water is now



consequently, for a short time, the same symptoms
were noticed but soon the action of the virus
subsided, the inflammation subsided, and the
virus.

It is found my patients just recovering from the
and the return of the disease.

Discharged from further treatment.

The foregoing cases are a few of which I hope may
also I could have mentioned several others, but
as they offer very little variation from the pre-
ceding I have not recorded them.

It may not be amiss to state that there were
not extensive cases, but considered to me as three
circumstances were, present.

A subject of vital importance to practitioners, as
this is the first and the time of these water ther-
mostats, as far as the disease is concerned, it is
that the high point at which this medicine is
the, may, and it may be caused the adulation

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less of it. He has instances of a book & more than
opinion by a gentleman of the faculty, which
must under his own signature, state, & state
under his own signature. He must receive
unanimous has little to have resulted from the
combination of opinions with the article.
In writing over the last number of the volume
of the same course, & was the following month, when
I was not inclined to the subject & have been
writing.

Mr. & Mr. & Mr. have long been
since that a great number of vegetable substances,
as, possessing strong powers over the animal can
can even their way to a satisfactory base as
the most of which, the blackness is not
common. The operation is to be done. The
are known to experiment in the same, with
the same & discussing a subject has done.
The same even that the human mind is changed.





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to be taken in liquor, or to be put in the form
of a pill. It is also used in the form of a
soluble powder, the solvent is best is a mixture
of water to which has been added a few
drops of the solution of ammonia. In some cases it
is filtered through a coarse filter, and treated
with an excess of magnesia - boiling it for a
few minutes the liquor is again suffered to cool
and again filtered. The precipitate removed in the
first is composed of Nitrum calcis, magnesia
burnt, and lithonix. Wash the precipitate
with water, dry it in a sand bath, and treat
it with distilled alcohol, which dissolves the alkali
and leaves the magnesia and lithonix united to
an oily matter. It remains but to evaporate
the alcohol, and obtain the residue of a super-
saturated solution of the lithonix. This process
is sometimes improved from an admixture of city
water, to separate which, and purify it, we



most regular it came in at 10 o'clock 1811
at 10 o'clock 1812 at 10 o'clock 1813
in the same week from which these extracts are
now being taken another mode of preserving the
extract is to enter in the number of the year in the
one vol. 100 p. 100

The Librarian of the House has now been employed two
years under a French Librarian in the care of two
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sent up a memoir of several cases of Intermittent fevers of different types, cured by the Sulphate of Quinine. The medicine was prepared by Dr. J. L. Favre and Godeb. of Buss, who employed a new process, which consisted in boiling the yellow bark in water acidulated with acetic acid, and precipitating the alkaline principle by ammonia. M. Penade, M. Kalle, and M. Robiquet have also furnished various notices of this interesting discovery.

That the sulphate Quininae is a valuable remedy, a perusal of the authorities I have given, and the above-enumerated cases will be sufficient to show. In its employment I refrained from using any auxiliary medicines, save in one instance, in order that the result might be the more conclusive. True it is that several practitioners have informed me that they have seen instances when it has produced diarrhoea, and some other symptoms which the bark is known to give rise to

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in 1800
1800 to 1801
out of the

in some cases, but these instances are of rare oc-
currence. I have never seen any such effects arise
out of its use.

San

Cha